

This listing of claims will replace all prior versions, and listings, of claims in the application:

1        1. (currently amended) An image recording and reproducing  
2 apparatus for recording and reproducing ~~tion~~ a multiple picture  
3 signal obtained by multiplexing picture signals from a plurality  
4 of cameras via a frame switcher, said image recording and  
5 reproducing apparatus having a skip reproduction feature for  
6 alternating skipping of n frames and continuous reproduction of m  
7 frames ~~[[()]] wherein n being is~~ a positive integer, and m ~~being~~  
8 is a positive integer related to a frame switching pattern~~[[()]]~~.

1        2. (currently amended) The image recording and reproducing  
2 apparatus according to claim 1, wherein said number of frames to  
3 be skipped is changed during skip reproduction.

1        3. (original) The image recording and reproducing apparatus  
2 according to claim 2, wherein said number of frames are changed  
3 to (n-d) ( $2 \leq d < n$ , d is a positive integer) in case said number of  
4 frames is decreased.

1        4. (original) The image recording and reproducing apparatus  
2 according to claim 1, wherein at least m frames are continuously  
3 reproduced at the end of a reconstructed image.

1        5. (original) The image recording and reproducing apparatus  
2 according to claim 1, wherein at least m frames are continuously  
3 reproduced at the beginning of a reproduction image.

1        6. (currently amended) The image recording and reproducing  
2 apparatus according to claim 1, wherein said skip reproduction  
3 feature is implemented by a ~~processing~~ including a skip  
4 processing step for ~~only~~ recognizing said frames and a  
5 reproduction processing step for performing reproduction and  
6 output of said frames.

1        7. (currently amended) The image recording and reproducing  
2 apparatus according to claim 6, wherein said skip-reproduction  
3 feature is implemented by a ~~processing-including~~ skipping of n  
4 frames and ~~the~~ a subsequent reproduction of m frames.

1        8. (currently amended) The image recording and reproducing  
2 apparatus according to claim 6, wherein said skip-reproduction  
3 feature is implemented by a ~~processing-including~~ forward skipping  
4 of a series of (n+m) frames, a reverse[[d]] skipping of m frames,  
5 and a reproduction of m frames.

1        9. (currently amended) The image recording and reproducing  
2 apparatus according to claim 7, wherein said subsequent  
3 reproduction of a reconstructed image is performed on m frames up  
4 to ~~the~~ a final frame of the reconstructed image when the  
5 difference between ~~the~~ a frame just before start of said skipping  
6 and the final frame of [[a]] the reconstructed image is equal to  
7 or greater than m frames and smaller than or equal to (n+m)  
8 frames.

1        10. (currently amended) The image recording and reproducing  
2 apparatus according to claim 7, wherein said reproduction is  
3 performed up to ~~the~~ a final frame of a reconstructed image when  
4 the difference between ~~the~~ a frame of the reconstructed image  
5 just before start of said skipping and the final frame of [[a]]  
6 the reconstructed image is smaller than m frames.

1        11. (currently amended) The image recording and reproducing  
2 apparatus according to claim 8, wherein reverse[[d]] skipping of  
3 a maximum of m frames is performed within the number of skipped  
4 frames in the immediately preceding processing, when ~~the~~ a final  
5 frame of an image is reached during said skipping.

1        12. (original) The image recording and reproducing apparatus  
2 according to claim 7, wherein adjustment is made to set the  
3 remaining number of frames to a multiple of (n+m) at start of  
4 said skip reproduction feature and when the number of frames n to  
5 be skipped is changed during skip reproduction.

1        13. (currently amended) The image ~~image~~ recording and  
2 reproducing apparatus according to claim 8, wherein adjustment is  
3 made to set ~~the~~ a remaining number of frames to a multiple of  
4 (n+m) at start of said skip reproduction feature and when the  
5 number of frames n to be skipped is changed during skip  
6 reproduction.

1        14. (original) The image recording and reproducing apparatus  
2 according to claim 1, wherein reproduction is suspended after  
3 continuous reproduction of said predetermined m frames when  
4 suspension of reproduction is instructed during execution of said  
5 skip reproduction feature.

1        15. (currently amended) An image reproducing apparatus for  
2 reproducing a multiple picture signal obtained by multiplexing  
3 picture signals from a plurality of cameras via a frame switcher,  
4 said image reproducing apparatus having a skip reproduction  
5 feature for alternating skipping of n frames and continuous  
6 reproduction of m frames, wherein ~~[[()]]n being is~~ is a positive  
7 integer, and m ~~being is~~ is a positive integer related to a frame  
8 switching pattern[[]]].

1        16. (currently amended) An image reproducing method for skip  
2 reproducing a multiple picture signal obtained by multiplexing  
3 picture signals from a plurality of cameras via a frame switcher,  
4 said image reproducing method comprising the steps of:  
5        skipping n frames of said multiple picture signal;  
6        continuous reproducing m frames of said multiple picture  
7        signal wherein n is a positive integer, and m is a  
8        positive integer; and  
9        repeating said skipping and continuous reproducing.

1        17. (currently amended) An image reproducing method for skip  
2 reproducing a multiple picture signal obtained by multiplexing  
3 picture signals from a plurality of cameras via a frame switcher,  
4 said image reproducing method comprising the steps of:  
5        forward skipping n+m frames of said multiple picture  
6        signal, then reverse skipping m frames of said  
7        multiple picture signal, and then continuous  
8        reproducing m frames of said multiple picture signal;  
9        and  
10       repeating said skipping, reverse skipping and continuous  
11       reproducing, wherein  
12       n is a positive integer, and m is a positive integer.